

ABSTRACT OF THE DISCLOSURE

The present invention relates to an automatic mode converting method between an audio mode and a hands-free mode for a hands-free built-in car audio system of which a car audio function is organically combined with a hands-free function, in which

5 the mode changing is carried out, depending on whether there is a voice signal output from a mobile phone. The automatic mode converting method, wherein the car audio system has a mode converting function conducting mode conversion between a hands-free mode for outputting a received voice signal from a mobile phone and an audio mode for outputting an audio sound source of the car audio system, includes the steps

10 of: deciding whether a DTMF tone signal is input from the mobile phone; if the DTMF tone signal is input from the mobile phone, converting a current mode to the hands-free mode; and if a duration time of a greater level of the received voice signal from the mobile phone than a predetermined reference level lasts longer than a predetermined reference time, automatically converting the current mode to the audio mode.